

## EAST Search History

| Ref # | Hits | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-----------------|------------------|---------|------------------|
| L1    | 32   | ((malign\$5 and benign\$5) and cancer) and (proportion or ratio)).clm.  | US-PGPUB        | OR               | ON      | 2006/10/27 14:26 |
| L2    | 1    | ((malign\$5 and benign\$5) and cancer) same (proportion or ratio)).clm.   | US-PGPUB        | OR               | ON      | 2006/10/27 14:26 |
| L3    | 7    | ((malign\$5 benign\$5) and cancer) same (proportion or ratio)).clm.   | US-PGPUB        | OR               | ON      | 2006/10/27 14:26 |
| L4    | 0    | ((malign\$5 and benign\$5) and cancer) and (proportion or ratio) and Diagnos\$4 and (CAD)).clm.   | US-PGPUB        | OR               | ON      | 2006/10/27 14:32 |
| S1    | 296  | MAHALANOBIS   | USPAT           | OR               | OFF     | 2005/06/15 09:06 |
| S2    | 8    | MAHALANOBIS and breast  | USPAT           | OR               | OFF     | 2004/08/20 09:29 |
| S3    | 5148 | malign\$5 and benign\$5   | USPAT           | OR               | OFF     | 2004/08/20 09:31 |
| S4    | 4    | malign\$5 and benign\$5 and MAHALANOBIS   | USPAT           | OR               | OFF     | 2004/08/23 11:02 |
| S5    | 2    | (("5732121") or ("5761334")).PN.  | USPAT;<br>USOCR | OR               | OFF     | 2004/08/20 09:41 |
| S6    | 95   | malign\$5 and benign\$5 and CAD   | USPAT           | OR               | OFF     | 2004/08/20 09:46 |
| S7    | 6    | ("4075883"   "4097845"   "4515165"   "4543959"   "4768516"   "4855911").PN.   | USPAT           | OR               | OFF     | 2004/08/20 12:15 |
| S8    | 56   | "5003979".URPN.   | USPAT           | OR               | OFF     | 2004/08/20 12:16 |
| S9    | 7    | ("4236078"   "5289374"   "5365429"   "5537485"   "5572565"   "5579360"   "5615243").PN.   | USPAT           | OR               | OFF     | 2004/08/20 12:21 |
| S10   | 5    | ("5331550"   "5513273"   "5537485"   "5578923"   "5598481").PN.   | USPAT           | OR               | OFF     | 2004/08/23 09:37 |
| S11   | 28   | "5799100".URPN.   | USPAT           | OR               | OFF     | 2004/08/23 09:38 |
| S12   | 13   | ("4873707"   "5016173"   "5235510"   "5331550"   "5365429"   "5410250"   "5574799"   "5627907"   "5638458"   "5709206"   "5815591"   "6078680"   "6138045").PN. | USPAT           | OR               | OFF     | 2004/08/23 09:45 |
| S13   | 16   | MAHALANOBIS and cancer  | USPAT           | OR               | OFF     | 2004/08/23 10:05 |
| S14   | 4353 | malign\$5 and benign\$5 and cancer  | USPAT           | OR               | OFF     | 2004/08/23 11:03 |
| S15   | 570  | likelihood adj ratio  | USPAT           | OR               | OFF     | 2004/08/23 11:03 |

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|     |         |   |                              |    |     |                  |
|-----|---------|---|------------------------------|----|-----|------------------|
| S16 | 11      | (malign\$5 and benign\$5 and cancer) and (likelihood adj ratio)   | USPAT                        | OR | OFF | 2004/08/23 11:02 |
| S17 | 614     | likelihood adj ratio  | USPAT                        | OR | ON  | 2004/08/23 11:03 |
| S18 | 4404    | malign\$5 and benign\$5 and cancer  | USPAT                        | OR | ON  | 2004/08/23 13:24 |
| S19 | 15      | (likelihood adj ratio) and (malign\$5 and benign\$5 and cancer)   | USPAT                        | OR | ON  | 2004/08/23 11:13 |
| S20 | 614     | (likelihood adj ratio) and likelihood   | USPAT                        | OR | ON  | 2004/08/23 11:13 |
| S21 | 14      | (likelihood adj ratio) and likelihood and CAD   | USPAT                        | OR | ON  | 2004/08/23 11:14 |
| S22 | 23      | (malign\$5 and benign\$5 and cancer) and likelihood and CAD   | USPAT                        | OR | ON  | 2004/08/23 11:58 |
| S23 | 14      | ("4907156"   "5003979"   "5133020"   "5260871"   "5279301"   "5289374"   "5452367"   "5491627"   "5537485"   "5638458"   "5640956"   "5657362"   "5740268"   "5754676").PN. | USPAT                        | OR | OFF | 2004/08/23 11:17 |
| S24 | 0       | (08/158,389).CCLS.  | USPAT;<br>USOCR              | OR | OFF | 2004/08/23 11:58 |
| S25 | 0       | (08/158389).CCLS.   | USPAT;<br>USOCR              | OR | OFF | 2004/08/23 11:59 |
| S26 | 0       | ("8158389").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/08/23 12:01 |
| S27 | 1       | ("5832103").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/08/23 12:01 |
| S28 | 18909   | (malign\$5 or benign\$5) and cancer   | USPAT                        | OR | ON  | 2004/08/23 13:57 |
| S29 | 23      | ((malign\$5 or benign\$5) and cancer) and (likelihood adj ratio)  | USPAT                        | OR | ON  | 2004/08/23 13:38 |
| S30 | 1036869 | proportion or ratio   | USPAT                        | OR | ON  | 2004/08/23 13:57 |
| S31 | 11793   | ((malign\$5 or benign\$5) and cancer) and (proportion or ratio)   | USPAT                        | OR | ON  | 2004/08/23 13:57 |
| S32 | 4404    | (malign\$5 and benign\$5) and cancer  | USPAT                        | OR | ON  | 2004/08/23 13:58 |
| S33 | 2662    | ((malign\$5 and benign\$5) and cancer) and (proportion or ratio)  | USPAT                        | OR | ON  | 2006/10/27 14:26 |
| S34 | 77      | ((malign\$5 and benign\$5) and cancer) and (proportion or ratio) and CAD  | USPAT                        | OR | ON  | 2004/08/23 13:58 |

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|     |       |   |                    |    |     |                  |
|-----|-------|---|--------------------|----|-----|------------------|
| S35 | 13989 | ((malign\$5 and benign\$5) and cancer) and (proportion or ratio) and computer or CAD                  | USPAT              | OR | ON  | 2004/08/23 14:01 |
| S36 | 1126  | ((malign\$5 and benign\$5) and cancer) and (proportion or ratio) and (computer or CAD)                | USPAT              | OR | ON  | 2004/08/23 14:02 |
| S37 | 409   | ((malign\$5 and benign\$5) and cancer) and (proportion or ratio) and classification                   | USPAT              | OR | ON  | 2004/08/23 14:27 |
| S38 | 2013  | ((malign\$5 and benign\$5) and cancer) and (proportion or ratio) and Diagnos\$4                       | USPAT              | OR | ON  | 2004/08/23 14:30 |
| S39 | 976   | ((malign\$5 and benign\$5) and cancer) and (proportion or ratio) and Diagnos\$4 and (Computer or CAD) | USPAT              | OR | ON  | 2004/08/23 14:32 |
| S40 | 72    | ((malign\$5 and benign\$5) and cancer) and (proportion or ratio) and Diagnos\$4 and (CAD)             | USPAT              | OR | ON  | 2006/10/27 14:32 |
| S41 | 688   | (382/128).CCLS.   | USPAT;<br>USOCR    | OR | OFF | 2004/08/24 09:32 |
| S42 | 5155  | malign\$5 and benign\$5   | USPAT              | OR | OFF | 2004/08/24 09:33 |
| S43 | 45    | ((382/128).CCLS.) and (malign\$5 and benign\$5)   | USPAT              | OR | OFF | 2004/08/24 09:33 |
| S48 | 1     | "09/043,347".app.   | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/15 09:06 |
| S49 | 1     | "09/943,347".app.   | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/15 09:06 |
| S50 | 5196  | ((382/128,130-132,159,160,170, 190,199,203,256-265) or (128/920,922-925)).CCLS.                       | USPAT              | OR | OFF | 2005/06/15 12:25 |
| S51 | 5580  | (malign\$5 and benign\$5)   | USPAT              | OR | OFF | 2005/06/15 12:26 |
| S52 | 112   | S50 and S51   | USPAT              | OR | OFF | 2005/06/15 12:26 |
| S53 | 80051 | (malign\$5 and benign\$5) (cancer tumor)  | USPAT              | OR | OFF | 2005/06/15 12:26 |
| S54 | 517   | S50 and S53   | USPAT              | OR | OFF | 2005/06/15 14:15 |
| S55 | 16    | S54 and iris near3 filter\$3  | USPAT              | OR | OFF | 2005/06/15 14:14 |
| S56 | 5196  | ((382/128,130-132,159,160,170, 190,199,203,256-265) or (128/920,922-925)).CCLS.                       | USPAT              | OR | OFF | 2005/06/22 14:11 |
| S57 | 80051 | (malign\$5 and benign\$5) (cancer tumor)  | USPAT              | OR | OFF | 2005/06/15 14:15 |
| S58 | 517   | S56 and S57   | USPAT              | OR | OFF | 2005/06/15 14:15 |

## EAST Search History

|     |      |   |       |    |     |                  |
|-----|------|---|-------|----|-----|------------------|
| S59 | 32   | S58 and (display\$3 output\$3) near3 features                                   | USPAT | OR | OFF | 2005/06/15 14:32 |
| S60 | 1    | S58 and visually near3 tumor  | USPAT | OR | OFF | 2005/06/15 14:32 |
| S61 | 1    | S58 and marking near3 tumor   | USPAT | OR | ON  | 2005/06/15 14:32 |
| S62 | 1    | S58 and marking near3 (tumor shadow)  | USPAT | OR | ON  | 2005/06/15 14:43 |
| S63 | 145  | S58 and (display\$3 output\$3) near3 (result calculation)                       | USPAT | OR | ON  | 2005/06/15 14:43 |
| S64 | 15   | S58 and (display\$3 output\$3) near3 (calculation)                              | USPAT | OR | ON  | 2005/06/15 14:43 |
| S65 | 147  | (382/308).CCLS.   | USPAT | OR | OFF | 2005/06/22 12:41 |
| S66 | 9    | S65 and (bandpass band-pass band near1 pass)                                    | USPAT | OR | OFF | 2005/06/22 14:10 |
| S67 | 6216 | display\$3 with result same measurement   | USPAT | OR | ON  | 2005/06/22 14:10 |
| S68 | 3772 | display\$3 with result with measurement   | USPAT | OR | ON  | 2005/06/22 14:10 |
| S69 | 5209 | ((382/128,130-132,159,160,170, 190,199,203,256-265) or (128/920,922-925)).CCLS. | USPAT | OR | OFF | 2005/06/22 14:11 |
| S71 | 28   | S68 and S69   | USPAT | OR | OFF | 2005/06/22 14:11 |